

# FIGURE 1

Construct	Fusion protein	Expression in yeast
p66SH2-1	lexA <sub>17</sub> -66 <div> <div>lexA-87</div> <div>p66</div> </div>	+
p66Lex202	lexA <sub>202</sub> -66 <div> <div>lexA-202</div> <div>p66</div> </div>	+/-
p66AlaLex202	lexA <sub>202</sub> -Ala-66 <div> <div>lexA-202</div> <div>p66</div> </div>	+
p66NLexA	66-lexA <sub>202</sub> <div> <div>p66</div> <div>lexA-202</div> </div>	+
p66GBT9	Gal4BD-66 <div> <div>Gal4BD</div> <div>p66</div> </div>	-
p66GADNOT	Gal4AD-66 <div> <div>Gal4AD</div> <div>p66</div> </div>	++
p66AlaACTII	Gal4AD-HA-Ala-66 <div> <div>Gal4AD</div> <div>p66</div> </div>	++
p51SH2-1	lexA <sub>17</sub> -51 <div> <div>lexA-87</div> <div>p51</div> </div>	++
p51Lex202	lexA <sub>202</sub> -51 <div> <div>lexA-202</div> <div>p51</div> </div>	++
p51AS2-1	Gal4BD-51 <div> <div>Gal4BD</div> <div>p51</div> </div>	ND
p51GADNOT	Gal4AD-51 <div> <div>Gal4AD</div> <div>p51</div> </div>	++
p51ACTII	Gal4AD-HA-51 <div> <div>Gal4AD</div> <div>p51</div> </div>	++

1/15

FIGURE 2

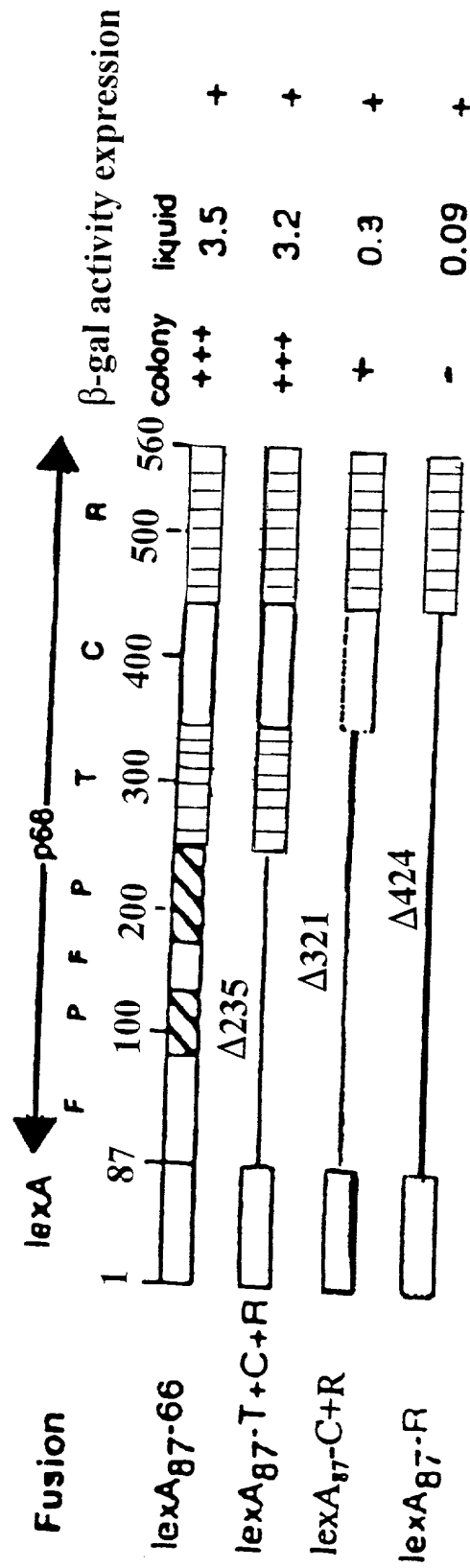
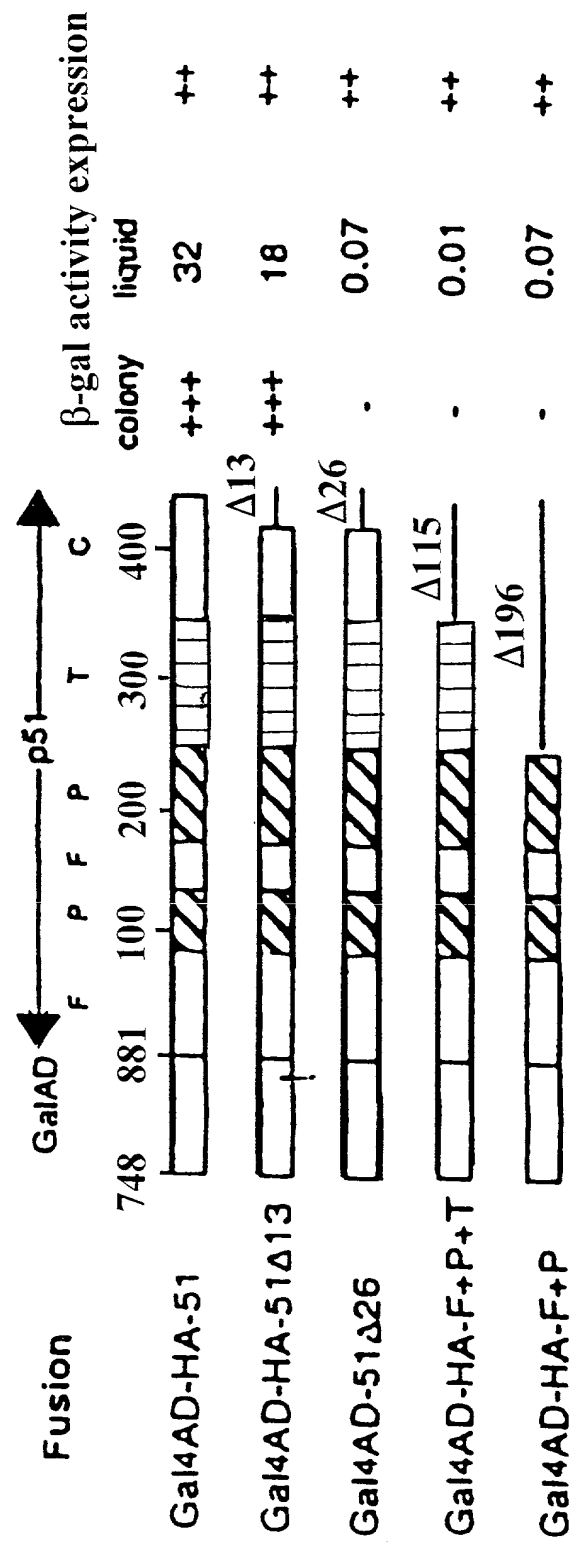


FIGURE 3



**FIGURE 4**




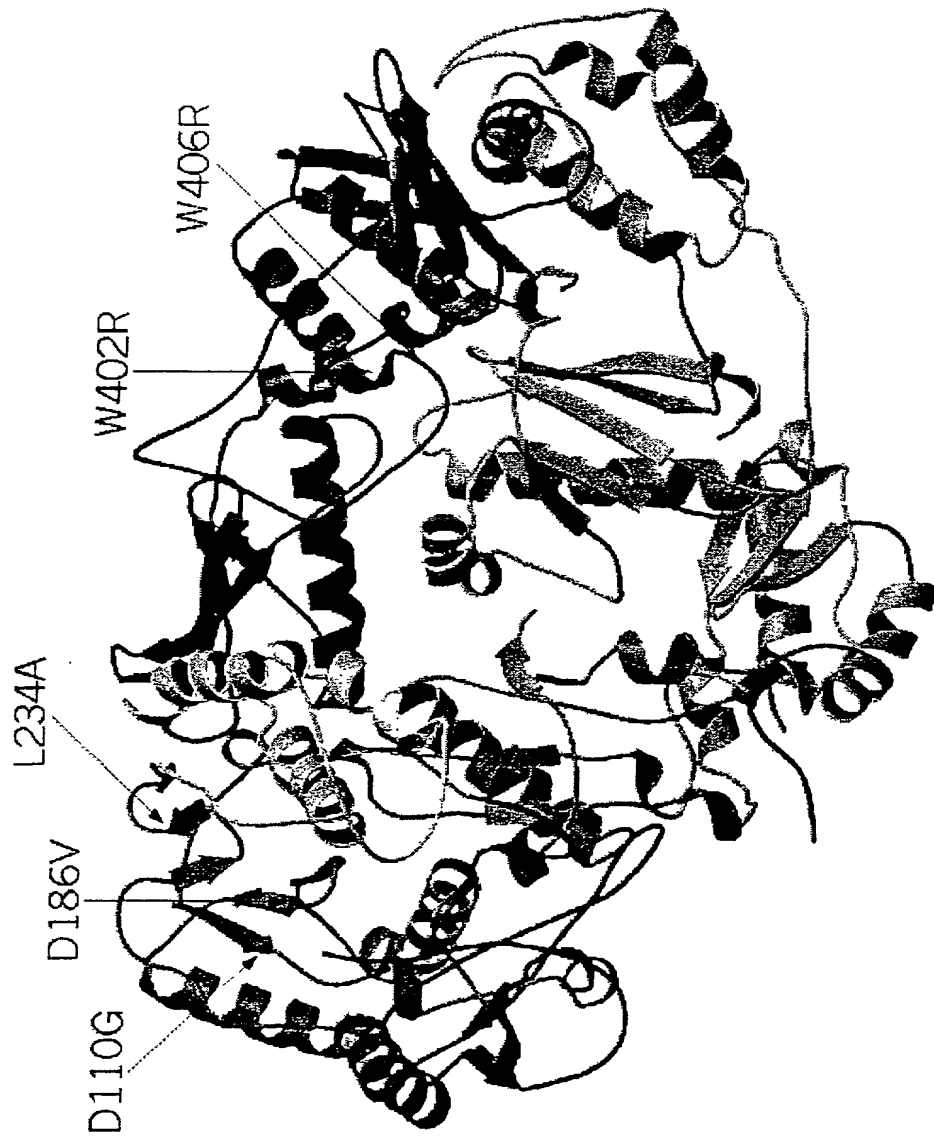
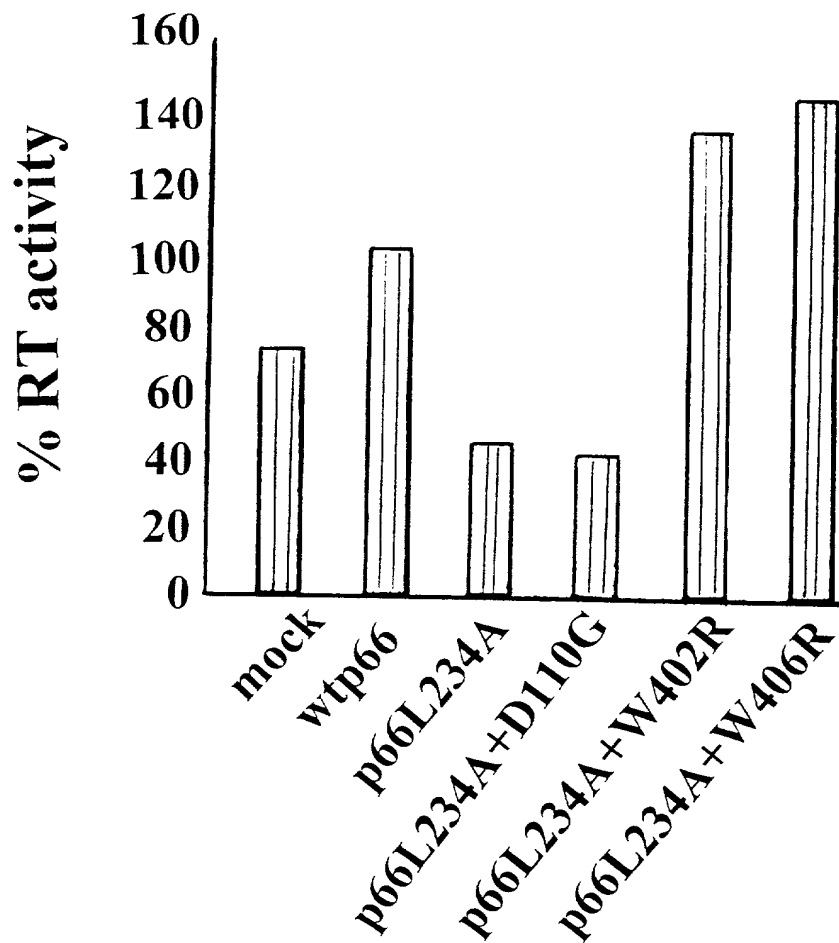
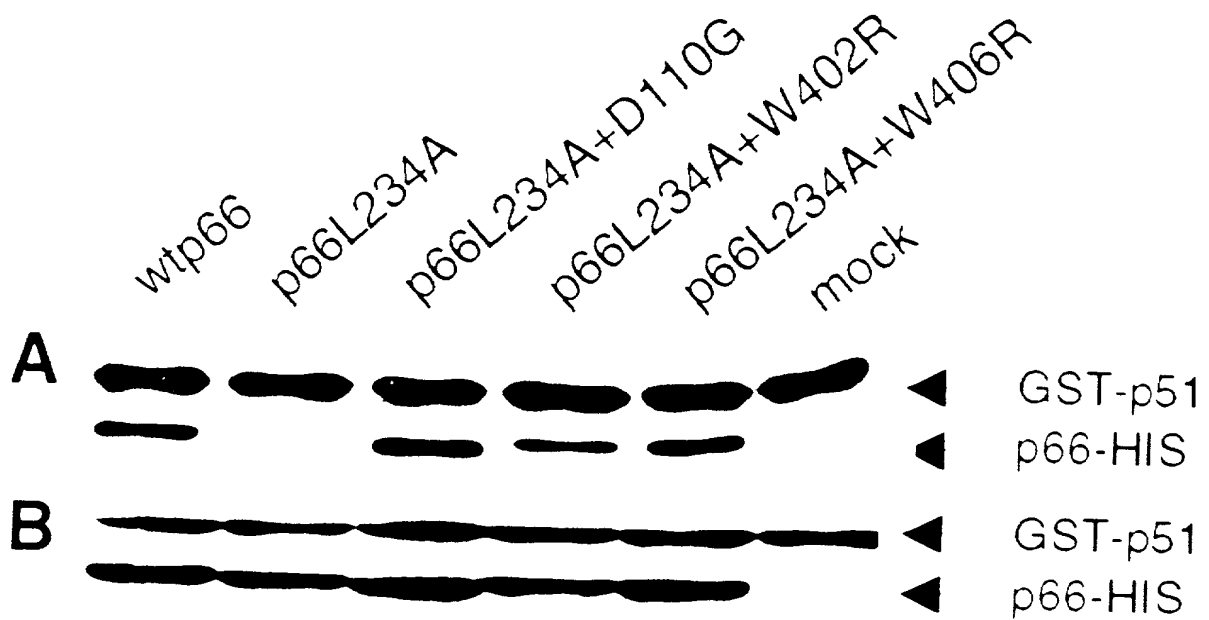
Fusion Proteins		beta-gal activity (Miller Units)
	p66wt : p51wt	3.2
	p66wt : pAD	0.01
	p66mut : p51mut	0.06
	p66wt : p51mut	1.9
	p66mut : p51wt	0.1

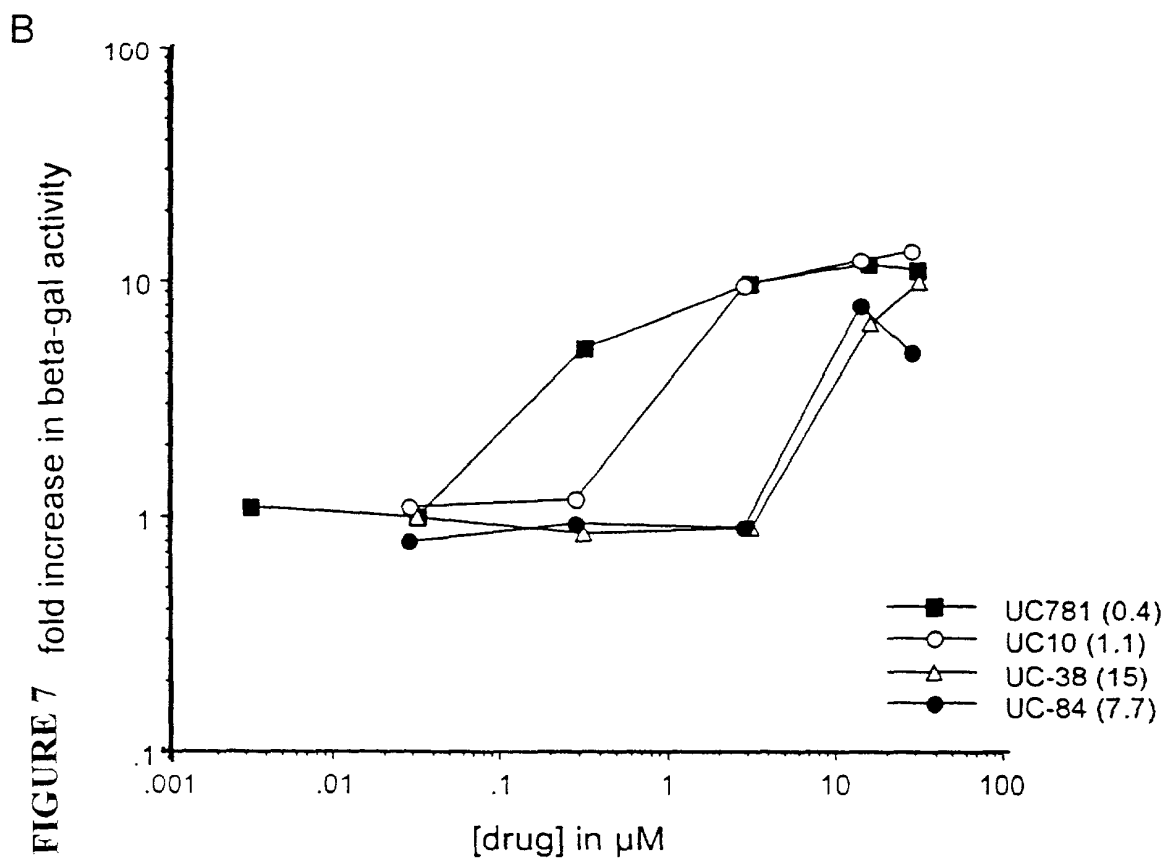
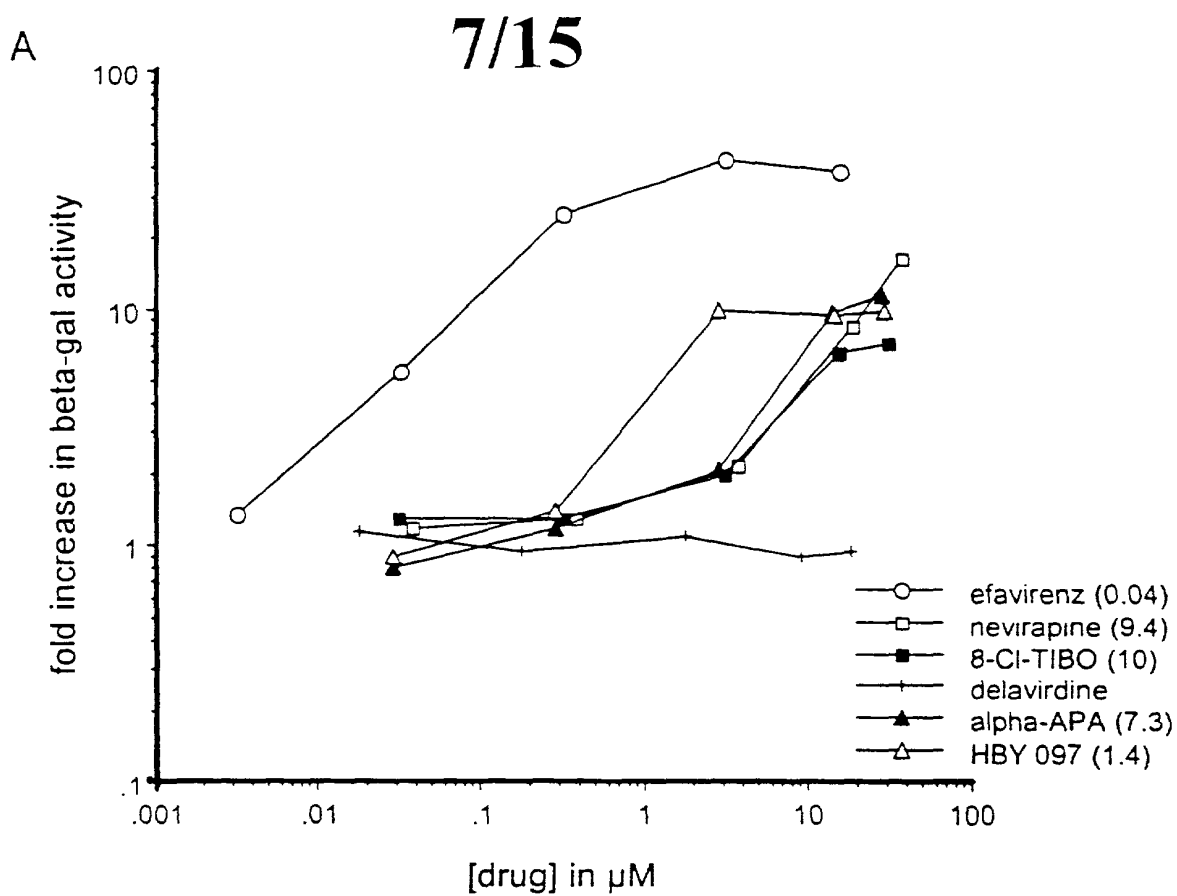
FIGURE 5



6/15

FIGURE 6





**FIGURE 7** fold increase in beta-gal activity

FIGURE 8

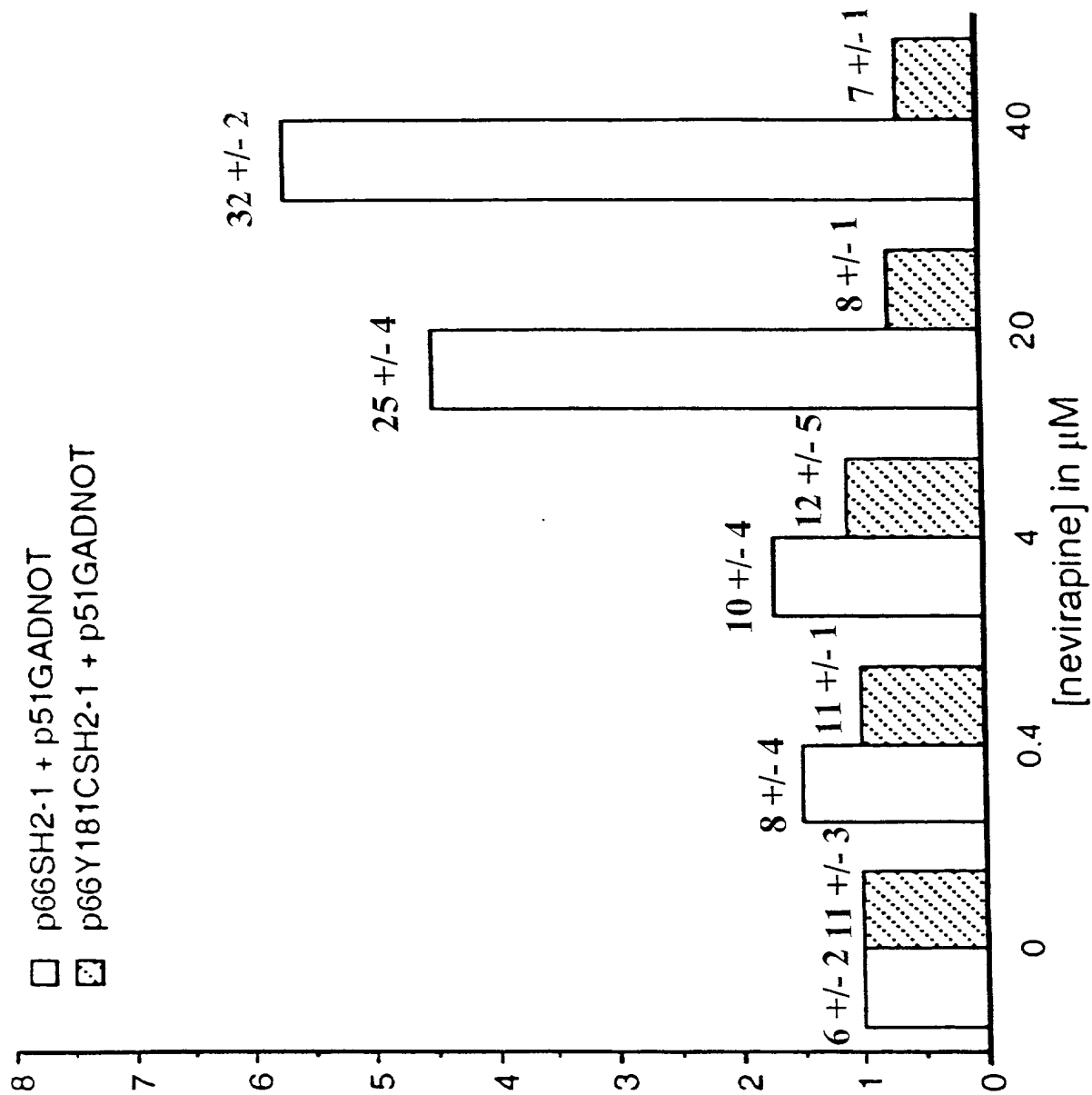
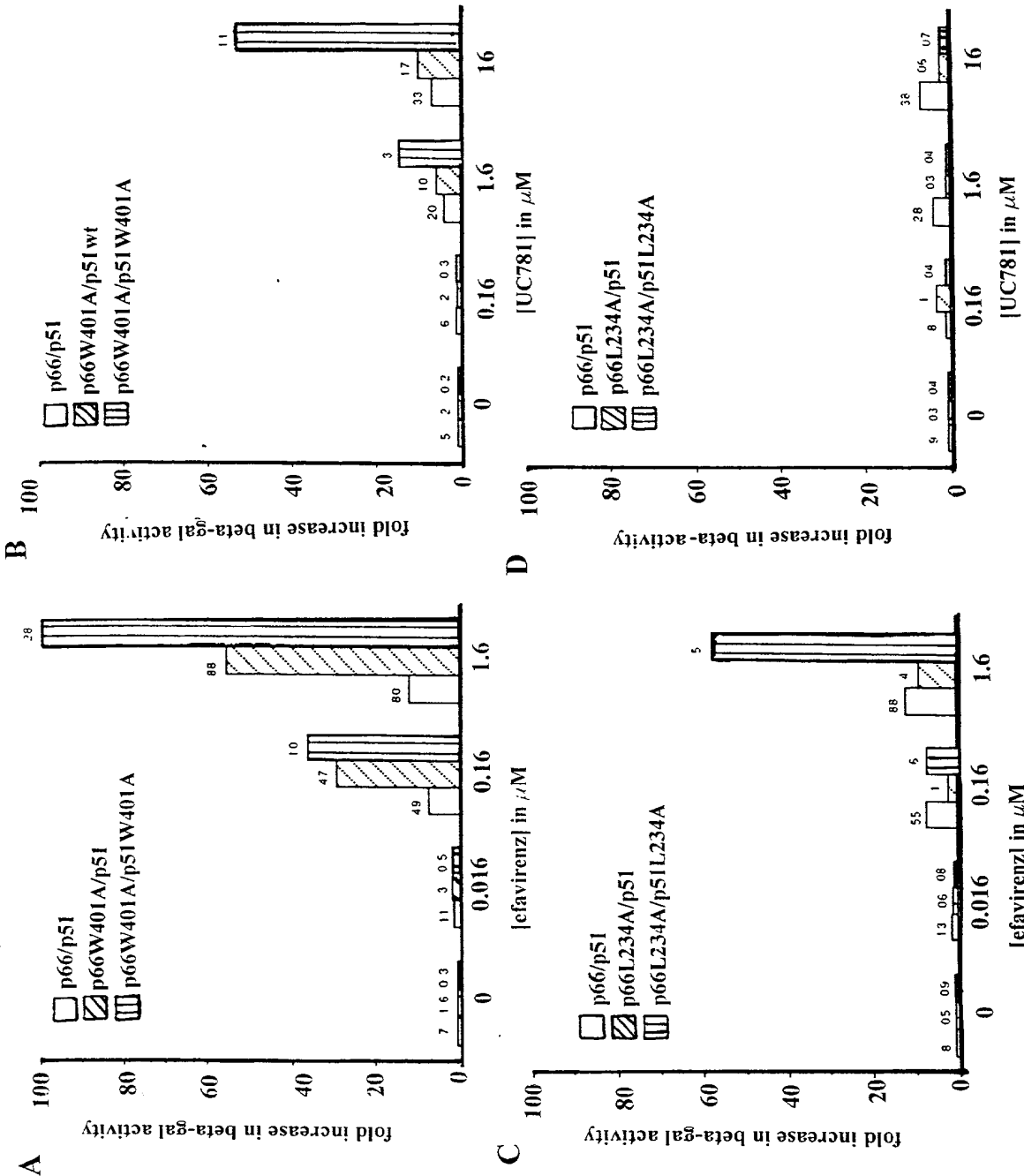


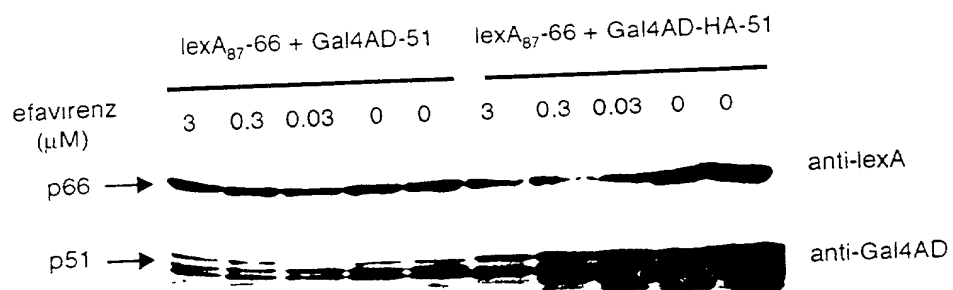


FIGURE 9



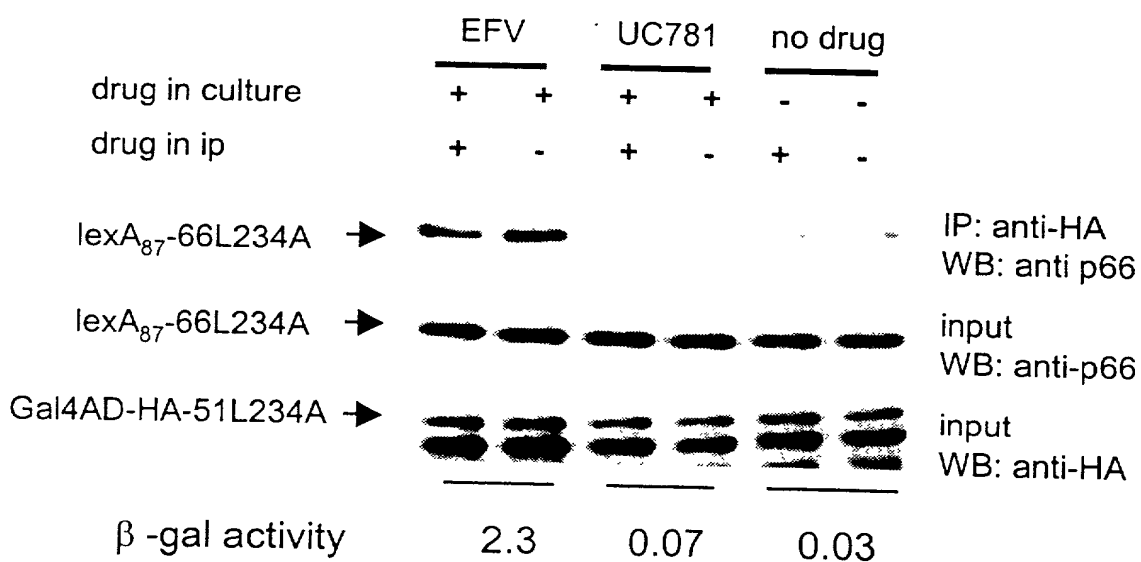
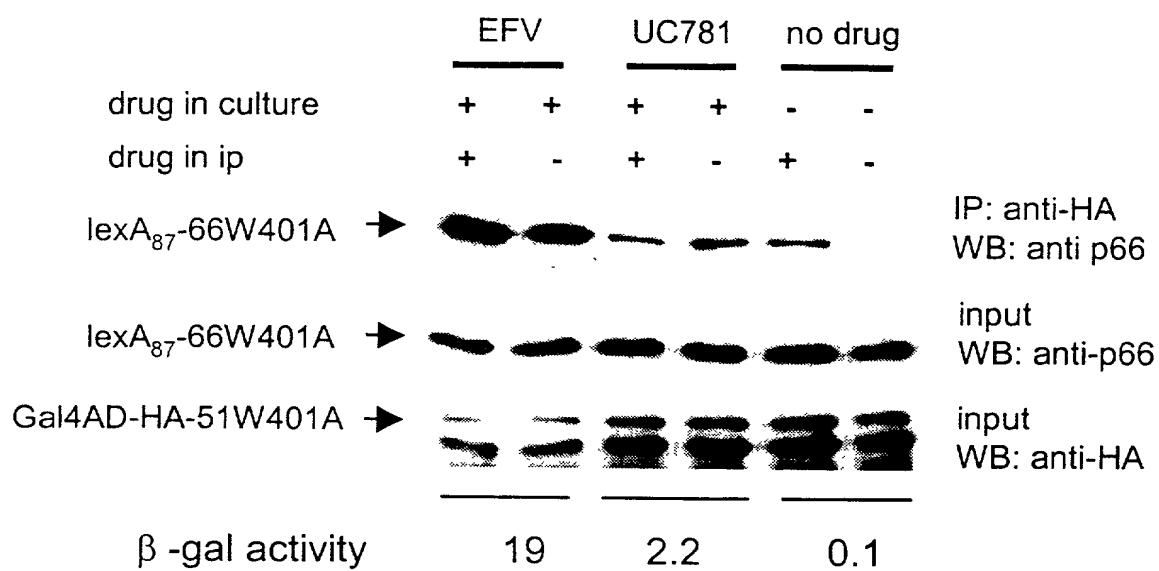
10/15

FIGURE 10



## FIGURE 11

A



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

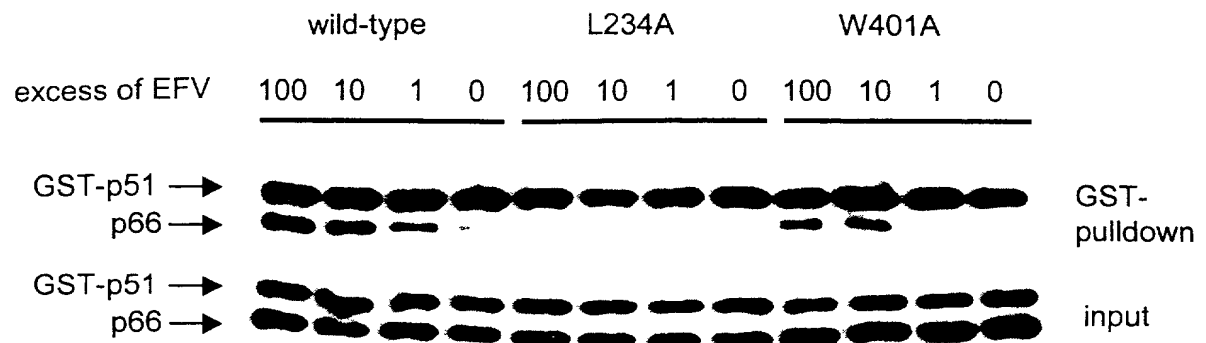
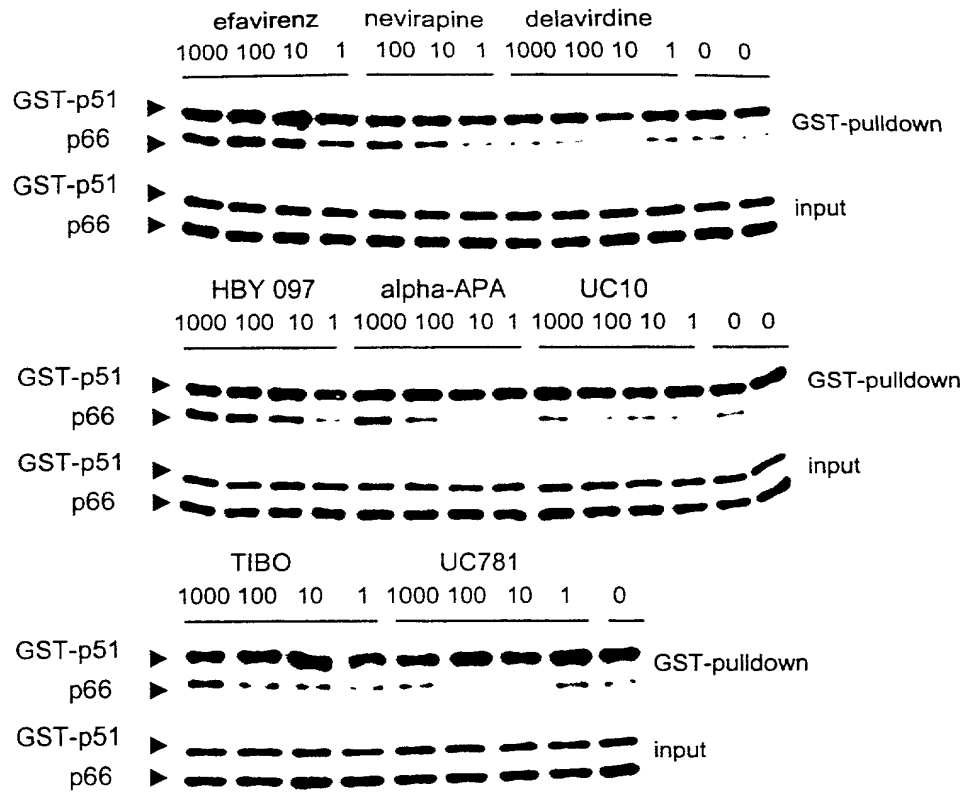
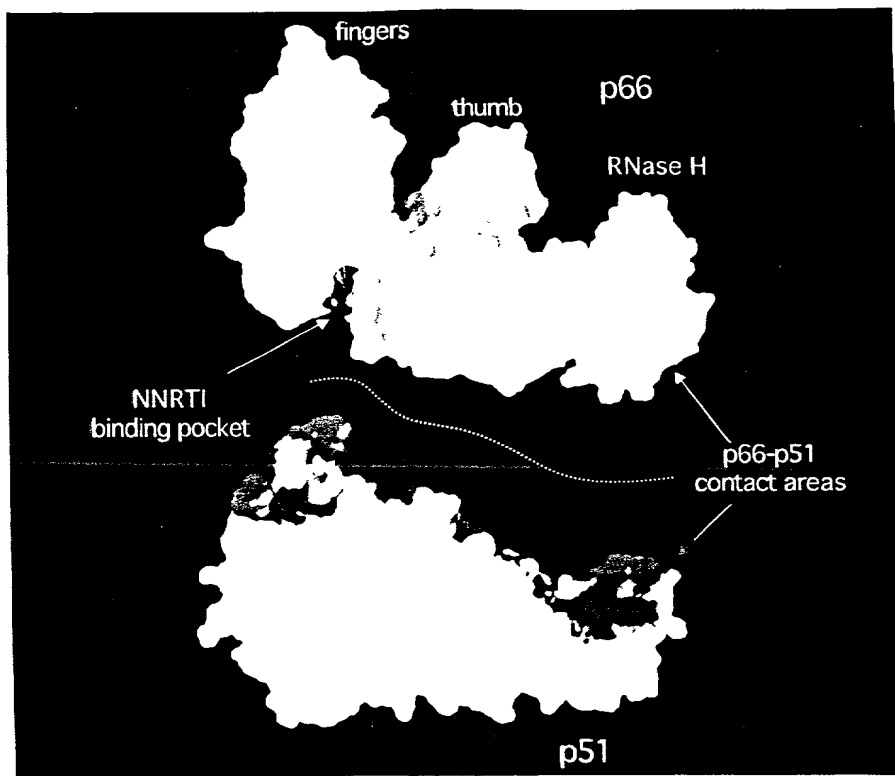


FIGURE 13



14/15

FIGURE 14



**FIGURE 15** 15/15

